

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human LIN-41 in direct ELISAs and Western blots.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human LIN-41 Val386-Phe868 Accession # Q2Q1W2
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

LIN-41 (lineage-41; also TRIM/tripartite motif-containing protein 71) is a 94 kDa (predicted) cytosolic member of the RBCC (RING finger, B-Box Coiled-Coil) family of proteins. It is expressed in developing limbs, DRG and branchial arches and apparently regulates the timed expression of proliferation and differentiation-associated genes. Human LIN-41 is 868 amino acids (aa) in length. It contains a RING-type zinc finger region (aa 12-95), a His-rich segment (aa 146-157), two B Box zinc fingers that bind DNA (aa 194-314), a coiled-coil motif that binds protein (aa 391-427), one filamin repeat and six NHL repeats that regulate gene translation (aa 593-868). Over aa 386-868, human LIN-41 is 97%, 95%, and 94% aa identical to canine, mouse, and chicken LIN-41, respectively.

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